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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

OIPE	Application Number	10/712,61	1					
TRANSMITTAL	Filing Date	November	r 13, 2003					
JUL 0 3 2006 2 FORM	First Named Inventor	Theordore	Bydalke					
	Art Unit	3677						
A to be used for all correspondence after initial filing)	Examiner Name	Jeffrey An	drew Sharp					
Total Number of Pages in This Submission 517	Attorney Docket Number	11-9540-6	520-0000-2					
Total Number of Pages in This Submission		1 1 1 1 1						
ENCLOSURES (Check all that apply)								
Fee Transmittal Form	Drawing(s)			Allowance Communication to TC				
Fee Attached	Licensing-related Papers		of A	opeals and Interferences				
Amendment/Reply	Petition Petition to Convert to a			eal Communication to TC eal Notice, Brief, Reply Brief)				
After Final	Provisional Application Power of Attorney, Revocat	ion	Prop	rietary Information				
Affidavits/declaration(s)	Change of Correspondence			us Letter				
Extension of Time Request	Terminal Disclaimer		Othe belo	er Enclosure(s) (please Identify w):				
Express Abandonment Request	Request for Refund							
Information Disclosure Statement	CD, Number of CD(s)							
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Certified Copy of Priority Document(s)	arks		<u> </u>					
Reply to Missing Parts/								
Incomplete Application Reply to Missing Parts								
under 37 CFR 1.52 or 1.53								
SIGNATURE (OF APPLICANT, ATT	ORNEY, C	R AGENT					
Firm Name MacLean Fogg Company								
Signature have all de-								
Printed name Dana Andrew Alden								
Date June 28, 2006		Reg. No.	46,475					
CERTIFIC	CATE OF TRANSMIS	SION/MAI	LING					
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Signature Ane M	dn_							
Typed or printed name Dana Andrew Alden			Date	June 28, 2006				

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Via Express 1st Class Mail Our File No. 11-9540-6520-0000-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors

Theodore Bydalek

Serial Number:

10/712,611

Filing Date

November 13, 2003

Title

Fastener Assembly

Examiner

Jeffrey Andrew Sharp

Art Unit

3677

TO:

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

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Commissioner for Patents, P.O. Box, 1450, Alexandria, VA 22313-1450, on June 28,

2006.

Dana Andrew Alden Registration No. 46,475

Date: 6.28.06

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Please enter the remarks as set forth below.

REMARKS

In accordance with M.P.E.P. § 609, 37 C.F.R. §§ 1.97 and 1.98, Applicants tender herewith an information disclosure statement containing references, which may be material to patentability of the present invention.

As required, Applicants have included a copy of each foreign patent document and each non-patent publication. With respect to the requirement for a concise explanation of the relevance of information not in English, Applicants followed the following procedure. For each non-English document, Applicants first attempted to acquire a corresponding English version of the complete document. See, M.P.E.P. § 609.04(a) III. Where a corresponding English version of the complete document was unavailable, Applicants then attempted to acquire an English version of the Abstract. See, M.P.E.P. § 609.04(a) III. Where an English version of the Abstract was not available, Applicants then attempted to provide the office action or search report, wherein the reference was cited. See, M.P.E.P. § 609.04(a) III. Where neither of the foregoing were available, Applicants prepared a rough translation of the document. See, M.P.E.P. § 609.04(a) III.

Please be advised, that Applicants were unable to acquire copies of the following documents, which may be material to patentability of the present invention:

- 1. JP 51-124573;
- 2. IT 636531;
- 3. JP 59-54971;
- 4. JP 56-148116; and
- 5. JP 63-152822.

With respect to JP 56-148116 and JP 63-152822, however, Applicant encloses, immediately following this page, a translation of the office action wherein they were cited, as well as a translation of a portion of each document.

Applicant would appreciate the Examiner considering each reference on the enclosed information disclosure statements. If the Examiner has any questions,

comments, or requests in relation to the enclosed, please do not hesitate to contact Applicants' representative.

Dated: June 28, 2006

Respectfully Submitted,

Dana Andrew Alden (Reg. No. 46,475)

MacLean-Fogg Company

1000 Allanson Road

Mundelein, Illinois 60060

(847) 970-4645

Translation of the Office Action

The invention claimed in claims 1 through 9 of the present application is considered to have been easily made on the basis of the inventions described in the following publications which were circulated in Japan prior to the filing of the present application, and therefore the invention is considered unpatentable in view of the provisions of Article 29, Para 2. of the Patent Law.

REFERENCES

- (1) Japanese Utility Model Laid-open JP-U-A-56-148116 (1981)
- (2) Japanese Utility Model Laid-open JP-U-A-63-152822 (1988)
- (3) Japanese Patent Laid-open JP-A-54-147349 (1979)
- (4) Japanese Patent Laid-open JP-A-62-176828 (1987)
- (5) Japanese Patent Laid-open JP-A-61-192915 (1986)

Remarks:

- With respect to claims 1 to 9:
- (1) References 1: See the shape of a covering body 1 in which a nut body 4 is disposed. With a bolt threaded through the nut body 4, the bolt is threadedly cut into a bore 2 of the covering body 1. This prevents the bolt from loosening.
- (2) References 2: See the structure for retaining a leaf spring 13.
- (3) References 3: See the structure for covering a soft packing 4 with a plastic cap 5.
- (4) It is a well known matter to retain a nut and the like with a circular rib (see references 4 and 5).
- (5) It is merely a matter of engineering design to provide a circular rib for retaining a washer.

Translation of the relevant portions of reference 1

(Japanese Utility Model Publication JP-U-A-56-148116 (1981))

(1) References 1 discloses a nut comprising a covering body 1 in which and a nut body 4 is disposed. The covering body 1 is made of hard plastic material. The nut body 4 of metal is embedded in the covering body 1 at its lower end and includes an internal threads 3, a pitch diameter of which is substantially the same as the inner diameter of the bore 2 of covering body 1.

With a bolt threaded through the nut body 4, the bolt is threadedly cut into a bore 2 of the covering body 1. Thus this prevents the bolt from loosening due to the elasticity of the hard plastic material.

Translation of the relevant portions of reference 2 (Japanese Utility Model Publication JP-U-A-63-152822 (1988))

Reference 2 discloses a nut for a bolt for retaining a corrugated plate. A plastic cap 1 includes an annular groove 6 formed therein. A threaded member 3 is fixed within the cap 1 so that it can not rotate relative to the cap 1. An elastic disk-shaped abutment plate 7 is inserted in the groove 6 for rotation. A leaf spring 13 is interposed between the abutment plate 7 and the threaded member 3 and freely received in the groove 6. A through hole 14 for a bolt is centrally formed in the leaf spring 13.

A hook bolt 2 is threaded into the threaded member 3 with the upper surface of the abutment plate 7 abutting against the lower surface of the elastic plate 13.

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Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known						
Application Number	10/712,611					
Filing Date	November 13, 2003					
First Named Inventor	Theodore Bydalek					
Art Unit	3677					
Examiner Name	Jeffrey Andrew Sharp					
Attorney Docket Number	11-9540-6520-0000-2					

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		^{US-} 33,487	10-15-1861	L. Marsh	Pages 1-2
		^{US-} 45,133	11-22-1864	Bonwill	Pages 1-3
		^{US-} 80,031	07-14-1868	N. Thompson	Pages 1-3
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		^{US-} 449,887	04-07-1891	C. D. Harvey	Pages 1-3
		^{US-} 453,563	06-02-1891	Nicholson	Pages 1-2
		^{US-} 464,301	12-01-1891	H. A. Harvey	Pages 1-3

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
		GB2201216	08-24-1988	Heal	Pages 1-15	
		GB739495	10-26-1955	Svenska Aktiebolaget	Pages 1-5	
		EP291412 A1	11-17-1988	Gault	Pages 1-14	1
		WO 9407041	03-31-1994	Matthews Norma Leslie	Pages 1-24	
		DE 41 05 741 A1	09-03-1992	Mercedes Benz	Pages 1-6	1
		GB 2051285	01-14-1981	Jones	Pages 1-4	

Examiner	Date	
Signature	Considered	
	Considered	

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	Substitute for form 1449/PTO				Complete if Known		
			Application Number	10/712,611			
	INFORMATION DISCLOSURE				Filing Date	November 13, 2003	
					First Named Inventor	Theodore Bydalek	
	STATEMENT BY APPLICANT		Art Unit	3677			
	(Use as many sheets as necessary)			necessary)	Examiner Name	Jeffrey Andrew Sharp	
	Sheet	2	of	42	Attorney Docket Number	11-9540-6520-0000-2	

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		^{US-} 551,043	12-10-1895	H. A. Otto	Pages 1-2
		^{US-} 553,780	01-28-1896	J. Dickason	Pages 1-3
		^{US-} 586,232	07-13-1897	S. W. English	Pages 1-3
		^{US-} 594,330	11-23-1897	Cox, Jr.	Pages 1-3
		^{US-} 638,326	12-05-1899	E. L. Farr	Pages 1-4
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		^{US-} 715,891	12-16-1902	W. A. Somerby	Pages 1-3
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	<u></u>	Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
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Complete if Known Substitute for form 1449/PTO Application Number 10/712,611 Filing Date November 13, 2003 INFORMATION DISCLOSURE First Named Inventor Theodore Bydalek STATEMENT BY APPLICANT Art Unit 3677 (Use as many sheets as necessary) **Examiner Name** Jeffrey Andrew Sharp 11-9540-6520-0000-2 Attorney Docket Number Sheet 42

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of offer bocument	Or Relevant Figures Appear	T ⁶
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IAI	EODRATIO	וח וג	SCLOSURE	Filing Date	November 13, 2003
				First Named Inventor	Theodore Bydalek
SI			APPLICANT	Art Unit	3677
	(Use as many s	heets as	necessary)	Examiner Name	Jeffrey Andrew Sharp
heet	4	of	42	Attorney Docket Number	11-9540-6520-0000-2

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Attorney Docket Number

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code ^{2 (# known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
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		^{US-} 1,802,668	04-28-1931	F. E. Newton	Pages 1-3

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			-	First Named Inventor	Theodore Bydalek	
SIA			APPLICANT	Art Unit	3677	_
(Use as many sheets as necessary)		Examiner Name	Jeffrey Andrew Sharp			
Sheet	6	of	42	Attorney Docket Number	11-9540-6520-0000-2	

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Sheet	8 of 42		Attorney Docket Number 11-9540-6520-0000-2		
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				First Named Inventor	Theodore Bydalek	
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			necessary)	Examiner Name	Jeffrey Andrew Sharp	
Sheet	9	of	42	Attorney Docket Number	11-9540-6520-0000-2	

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· · · · · · · · · · · · · · · · · · ·	First Named Inventor	Theodore Bydalek	
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(Use as many sheets as necessary)	Examiner Name	Jeffrey Andrew Sharp	
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Art Unit	3677
Examiner Name	Jeffrey Andrew Sharp
Attorney Docket Number	11-9540-6520-0000-2

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Application Number 10/712,611

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First Named Inventor Theodore Bydalek

Art Unit 3677

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Examiner Name Jeffrey Andrew Sharp

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Attorney Docket Number

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Art Unit

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Application
Filing Date
First Names
Art Unit

Complete if Known

Application Number 10/712,611

Filing Date November 13, 2003

First Named Inventor Theodore Bydalek

Art Unit 3677

Examiner Name Jeffrey Andrew Sharp

Attorney Docket Number 11-9540-6520-0000-2

Sheet 17 of 42

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Art Unit (Use as many sheets as necessary) **Examiner Name** Jeffrey Andrew Sharp 11-9540-6520-0000-2 Attorney Docket Number

Sheet

			U. S. PATENT	DOCUMENTS	
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Application Number	10/714,611			
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First Named Inventor	Theodore Bydalek			
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Attorney Docket Number	11-9540-6520-0000-2			

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Attorney Docket Number	11-9540-6520-0000-2	

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Application Number 10/712,611

Filing Date November 13, 2003

First Named Inventor Theodore Bydalek

Art Unit 3677

Examiner Name Jeffrey Andrew Sharp

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO Application Number 10/712,611 Filing Date November 13, 2003 INFORMATION DISCLOSURE First Named Inventor Theodore Bydalek STATEMENT BY APPLICANT Art Unit 3677 (Use as many sheets as necessary) Examiner Name Jeffrey Andrew Sharp

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STATEMENT BY APPLICANT

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Application Number	10/712,611	
Filing Date	November 13, 2003	
First Named Inventor	Theodore Bydalek	
Art Unit	3677	
Examiner Name	Jeffrey Andrew Sharp	
Attorney Docket Number	11-9540-6520-0000-2	

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First Named Inventor Theodore Bydalek

Art Unit 3677

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First Named Inventor Theodore Bydalek

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Sheet 35 of 42

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Application Number	10/712,611			
Filing Date	November 13, 2003			
First Named Inventor	Theodore Bydalek			
Art Unit	3677			
Examiner Name	Jeffrey Andrew Sharp			
Attorney Docket Number	11-9540-6520-0000-2			

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	Complete if Known
Application Number	10/712,611
Filing Date	November 13, 2003
First Named Inventor	Theodore Bydalek
Art Unit	3677
Examiner Name	Jeffrey Andrew Sharp
Attorney Docket Number	11-9540-6520-0000-2
	Filing Date First Named Inventor Art Unit Examiner Name

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Textron Fastening Systems Torx® Drive System, 2001, Pages 1-8, Textron Fastening Systems	
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO **Application Number** 10/712,611 Filing Date November 13, 2003 INFORMATION DISCLOSURE First Named Inventor Theodore Bydalek STATEMENT BY APPLICANT Art Unit (Use as many sheets as necessary) **Examiner Name** Jeffrey Andrew Sharp Attorney Docket Number 11-9540-6520-0000-2

			U. S. PATENT	DOCUMENTS	
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				Application Number	10/712,611		
INFO	DRMATION	DIS	CLOSURE	Filing Date	November 13, 2003		
STA	TEMENT E	BY A	PPLICANT	First Named Inventor	Theodore Bydalek		
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Sheet	2	of	2	Attorney Docket Number	11-9540-6520-0000-2		

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Complete if Known

Application Number 10/712,611

Filing Date November 13, 2003

First Named Inventor Theodore Bydalek

Art Unit 3677

[Use as many sheets as necessary]

Examiner Name Jeffrey Andrew Sharp

Attorney Docket Number

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Signature	Considered	

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				Application Number	10/712,611	
INFO	ORMATIC	N DIS	CLOSURE	Filing Date	November 13, 2003	
STA				First Named Inventor	Theodore Bydalek	
				Art Unit	3677	
	(000 00)			Examiner Name	Jeffrey Andrew Sharp	
Sheet	2	of	2	Attorney Docket Number	11-9540-6520-0000-2	

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number 10/712,611

Filing Date November 13, 2003

First Named Inventor Theodore Bydalek

Art Unit 3677

Examiner Name Jeffrey Andrew Sharp

Sheet

Attorney Docket Number

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	te for form 1449/PTO		tor 1999, no persons ar	Complete if Known		
				Application Number	10/712,611	
			CLOSURE	Filing Date	November 13, 2003	
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Theodore Bydalek	
	(Use as many she	eets as no	ecessary)	Art Unit	3677	
	(,			Examiner Name	Jeffrey Andrew Sharp	
Sheet	2	of	2	Attorney Docket Number	11-9540-6520-0000-2	

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Signature	Considered	

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Substitute for form 1449/PTO	Complete if Known			
	Application Number	10/712,611		
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INFO	DRMATION	DIS	CLOSURE	Filing Date	November 13, 2003
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Theodore Bydalek
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		C. MARTIN, Supplementary European Sear Page 1-3, European Patent Office	rch Report, Ju	une 31, 2006,	
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		C. MARTIN, European Search Report, May 20, 2003, pages 1-4, European Patent Office	
Examiner Signature		Date Considered	

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Substitute for form 1449/PTO		Complete if Known		
	Application Number	10/712,611		
INFORMATION DISCLOSURE	Filing Date	November 13, 2003		
STATEMENT BY APPLICANT	First Named Inventor	Theodore Bydalek		
(Use as many sheets as necessary)	Art Unit	3677		
(ose as many sheets as necessary)	Examiner Name	Jeffrey Andrew Sharp		
Sheet 1 of 1	Attorney Docket Number	11-9540-6520-0000-2		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		JEFFREY ANDREW SHARP, Notice of References Cited, February 14, 2006, Page1, Unites States Patent and Trademark Office	
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Substitute for form 1449/PTO	Col	Complete if Known		
	Application Number	10/712,611		
INFORMATION DISCLOSURE	Filing Date	November 13, 2003		
	First Named Inventor	Theodore Bydalek		
STATEMENT BY APPLICANT	Art Unit	3677		
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eet 1 of 2	Attorney Docket Number	11-9540-6520-0000-2		

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
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INFORMATION DISCLOSURE	Filing Date	November 13, 2003
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Sheet 2 of 2	Attorney Docket Number	11-9540-6520-0000-2

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		C. MARTIN, Supplementary European Search Report, February 18, 2005, Pages 1-3, European Patent Office	
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Application Number	10/712,611	
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Art Unit	3677	
Examiner Name	Jeffrey Andrew Sharp	
Attorney Docket Number	11-0540-6520-0000-2	

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		N. Fujimoto, Translation of Official Action, January 4, 2006, Pages 1-5 Japanese Patent Office	
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Examiner	Cite	Document Number	U. S. PATENT D	Name of Patentee or	Pages, Columns, Lines, Where
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Substitute for form 1449/PTO	Complete if Known		
	Application Number	10/712,611	
INFORMATION DISCLOSURE	Filing Date	November 13, 2003	
STATEMENT BY APPLICANT	First Named Inventor	Theodore Bydalek	
(Use as many sheets as necessary)	Art Unit	3677	
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Application Number 10/712,611 INFORMATION DISCLOSURE Filing Date November 13, 2003 STATEMENT BY APPLICANT First Named Inventor Theodore Bydalek Art Unit 3677			

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Martin, C., European Search Report for Application No. EP 99102819, June 1, 1999, Pages 1-2, European Patent Office	
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Sheet 2 of 2 Complete if Known 10/712,611 November 13, 2003 First Named Inventor Theodore Bydalek Art Unit 3677 Examiner Name Jeffrey Andrew Sharp Attorney Docket Number 11-9540-6520-0000-2		
	Application Number	10/712,611
INFORMATION DISCLOSURE	Filing Date	November 13, 2003
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(coo as many sheets as necessary)	Examiner Name	Jeffrey Andrew Sharp
Sheet 2 of 2	Attorney Docket Number	11-9540-6520-0000-2

		NON PATENT LITERATURE DOCUMENTS	
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STATEMENT BY APPLICANT		First Named Inventor	Theodore Bydalek	_	
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Examiner	Cite	Document Number	U. S. PATENT DO Publication Date	Name of Patentee or	Pages Columns Lines Where
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	Country Code ^{3 "} Number ^{4 "} Kind Code ⁵ (<i>if known</i>)	MM-DD-YYYY		Or Relevant Figures Appear	T
	JP-A-54-147349	11-17-1979		Pages 1-3	8
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		Hoffmann, M. P., European Search Report for EP 88 11 5654, October 3, 1989, Page 1, European Patent Office	
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